

TANDY COMPUTER

CAT. NO. 58-2015

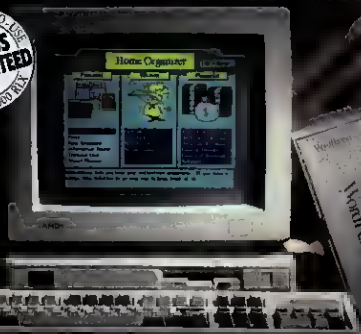
Whizkids

ALEC
and SHANNA
STARRING IN
**SAFEGUARDING
the ENVIRONMENT**



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Whiz Kids

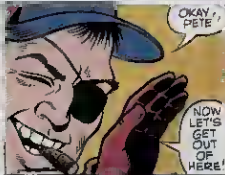
SAFEGUARDING THE ENVIRONMENT

HURRY UP!
LET'S DUMP
THIS JUNK!

AMERICANS COLLECTIVELY
GENERATE 160 MILLION TONS
OF SOLID WASTE PER YEAR
AND HALF OF ALL PRESENT
LANDFILLS WILL BE FILLED
TO CAPACITY BY THE YEAR
2000!

WITH THE CLOSING OF MANY LANDFILLS, SOME DISHONEST INDIVIDUALS USE
ILLEGAL MEANS TO GET RID OF DANGEROUS TYPES OF TRASH AND OTHER
ENVIRONMENTALLY DAMAGING MATERIALS!

CRIMINAL DUMPERS ARE WILL-
ING TO SACRIFICE THE ENVIR-
ONMENT IN EXCHANGE FOR FAST
MONEY!



SCRIPT: MIKE PELLOWSKI PENCILLING: HOWARD BENDER INKING: JON D'AGOSTINO LETTERING: BILL YOSHIDA COLORING/PRODUCTION: HARRY GROSSMAN EDITOR: VICTOR GORELICK

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ILLEGAL DUMPERS ARE NOT CONCERNED ABOUT THE POLLUTION THEY CREATE OR THE PROBLEMS IT CAN CAUSE!

THAT'S ANOTHER LOAD OF GARBAGE WE WON'T HAVE TO WORRY ABOUT!



RIGHT, BOSS! IT WAS SURE OUR LUCKY DAY WHEN YOU FOUND THIS REMOTE SPOT IN THE WOODS!

HEAD FOR TOWN, PETE--



...WE'VE GOT ONE MORE PICK-UP TO MAKE!



WHAT TO DO WITH ALL THE TRASH AMERICANS GENERATE IS NOT AN EASY PROBLEM TO SOLVE!



HOWEVER, ONE OF THE BEST WAYS TO COPE WITH THE GARBAGE CRISIS IS...



TO SAFEGUARD OUR ENVIRONMENT WE MUST ALL RECYCLE AS MUCH AS POSSIBLE!



YOU'RE WRONG, JACK
RECYCLING ISN'T MUCH
TROUBLE AT ALL! IN
FACT, WE KIND OF
ENJOY IT!

I GUESS THAT'S
BECAUSE WE
LEARNED HOW
IMPORTANT
RECYCLING IS
TO THE
PRESERVATION
OF OUR
ENVIRONMENT

RECYCLING NOT ONLY SAVES
SPACE IN LANDFILLS, BUT IT
SAVES ENERGY, TOO!

INSTEAD OF USING
MORE ENERGY TO
CREATE NEW CANS
AND GLASS,
RECYCLING
CONSERVES
ENERGY BY
REUSING OLD
ONES!

DID YOU KNOW THE ENERGY
SAVED BY RECYCLING JUST
ONE GLASS BOTTLE WILL
LIGHT A 100-WATT LIGHT
BULB FOR FOUR HOURS?

WOW!
THAT'S A
LOT OF
ENERGY!

YOU'VE CONVINCED
ME TO START
RECYCLING, TOO!
BUT HOW DO I
GET STARTED?

GET-
TING
STARTED
IS
SIMPLE,
JACK!

WE USE CRATES TO KEEP
OUR RECYCLABLE
MATERIALS
SEPARATE!

BUT BAGS OR ANY KIND
OF BOXES WORK JUST
AS WELL!

TO PREPARE BOTTLES TO BE RECYCLED, YOU HAVE TO REMOVE ALL CAPS, CORKS AND RINGS... PAPER LABELS CAN BE LEFT ON!



NEXT YOU RINSE OUT THE BOTTLES AND SORT THEM BY COLOR! YOU NEED SEPARATE CRATES FOR GREEN, BROWN AND CLEAR GLASS!



STEEL CANS NO LONGER NEED TO BE DE-LABELED TO BE RECYCLABLE! AND YOU DON'T HAVE TO CUT THE ENDS OFF EITHER!

THAT'S RIGHT! THE SHREDDING PROCESS AT THE RECYCLING PLANT NOW TAKES CARE OF THAT!



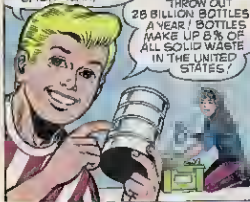
GEE... I NEVER REALIZED RECYCLING CANS AND BOTTLES WAS SO EASY!



I JUST WISH MORE FAMILIES WOULD REALIZE HOW IMPORTANT IT IS TO RECYCLE!

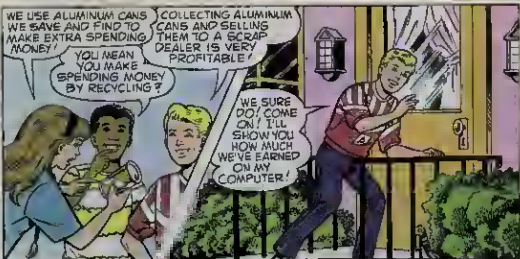
IN A TOWN OF 50,000 PEOPLE LIKE OURS, 1,400 TONS OF STEEL CANS ARE DISCARDED EACH YEAR!

AMERICANS THROW OUT 28 BILLION BOTTLES A YEAR! BOTTLES MAKE UP 8% OF ALL SOLID WASTE IN THE UNITED STATES!

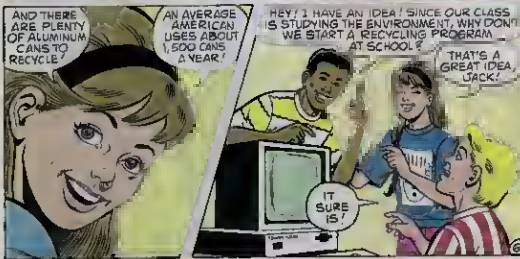
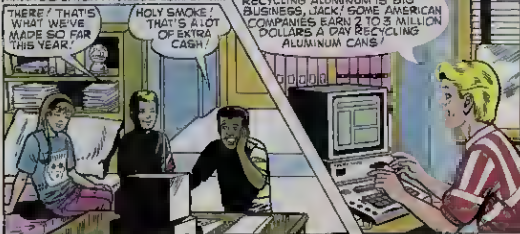


PHIEW! THAT'S A LOT OF STEEL CANS AND BOTTLES! BUT WHY DO YOU KEEP ALUMINUM CANS IN A SPECIAL PLACE?





MINUTES LATER AT ALEC'S COMPUTER...



LATER
A
SCHOOL

I THINK JACK'S SUGGESTION OF ESTABLISHING
A RECYCLING PROGRAM AT SCHOOL IS A
TERRIFIC IDEA! LET'S PUT IT TO
A CLASS VOTE!

Recycling
Program

ALL IN FAVOR OF START-
ING A SCHOOL RECYCLING
PROGRAM PLEASE RAISE
YOUR HANDS!

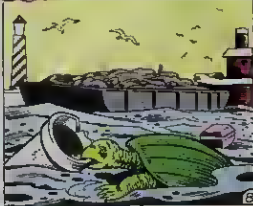
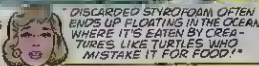
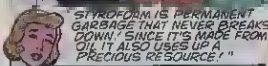
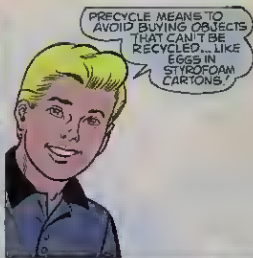
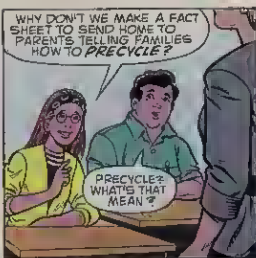
THE MOTION
IS CARRIED!
NOW WHAT
ARE SOME
WAYS WE
CAN RECYCLE
HERE IN
SCHOOL?

WE CAN
SAVE OLD
COMPUTER
AND SCHOOL
PAPERS,
MRS. WILSON!

GOOD IDEA, ALEC!
ARE THERE ANY OTHER
SUGGESTIONS?

WE CAN RECYCLE CANS
FROM THE SODA MACHINE
IN THE TEACHERS'
LOUNGE!

AND WE CAN RECYCLE GLASS, CANS
AND THINGS FOOD SUPPLIES COME
IN FROM THE CAFETERIA!



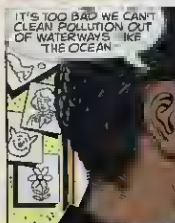


THE STYRO-
FOAM CLOGS
THE TURTLE'S
DIGESTIVE
SYSTEM
AND IT
LATER DIES!

GEE...THAT'S AWFUL!
I'M NEVER USING
STYROFOAM
AGAIN!

ME NEITHER.

I THINK WE
SHOULD ALL
AVOID STYROFOAM
PRODUCTS
WHenever
POSSIBLE!



IT'S TOO BAD WE CAN'T
CLEAN POLLUTION OUT
OF WATERWAYS LIKE
THE OCEAN.

MAYBE WE CAN'T CLEAN
UP THE OCEAN, BUT WE
COULD CLEAN UP A NEAR
BY WATERWAY...LIKE
TADPOLE CREEK!

THAT'S
A SUPER
IDEA,
SHANNA!



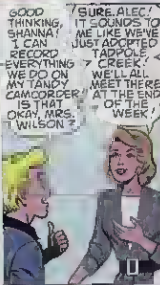
ADOPTING A STREAM IS ONE
WAY ORDINARY CITIZENS
CAN ACTIVELY FIGHT
POLLUTION!

IT WON'T BE
AN EASY JOB,
PEOPLE HAVE
BEEN DUMPING
STUFF IN
TADPOLE
CREEK FOR
YEARS!



IF WE COULD
SHOW EVERY-
ONE WHAT
A MESS
TADPOLE
CREEK IS
AND HOW
WE CLEANED
IT UP, MAYBE
PEOPLE
WOULDN'T
POLLUTE IT
AGAIN!

HEY! LET'S
MAKE A TAPE
OF THE
CLEAN-UP,
SORT OF A
BEFORE AND
AFTER
FILM!



GOOD
THINKING,
SHANNA!
I CAN
RECORD
EVERYTHING
WE DO ON
MY TANDY
CAMCORDER.
IS THAT
OKAY, MRS.
WILSON?

SURE, ALEC!
IT SOUNDS TO
ME LIKE WE'VE
JUST ADOPTED
TADPOLE
CREEK!
WE'LL ALL
MEET THERE
AT THE END
OF THE
WEEK!

OUR PRINCIPAL, MR. KLINE, SURE LIKED YOUR IDEA OF VIDEO TAPING THE CLEAN-UP PROCESS, SHANNA!

I KNOW, HE PLANS TO SHOW THE TAPE TO OTHER CLASSES AND SCHOOLS IN OUR DISTRICT!

ALL OF THAT PLANNING MADE ME HUNGRY! LET'S STOP FOR A HAMBURGER!

BURGERS TO GO

I'LL BUY!

E-Z DISPOSAL

THANKS JACK, BUT I DON'T THINK WE SHOULD PATRONIZE THIS PLACE, THEY USE STYROFOAM PACKAGING

YOU'RE RIGHT, ALEC! LET'S GO TO THE PIZZA PLACE AROUND THE CORNER!

E-Z DISPOSAL

ARE YOU SURE YOU CAN HANDLE MY DISPOSAL NEEDS? I'VE HAD TROUBLE IN THE PAST BECAUSE SOME LANDFILLS WON'T ACCEPT STYROFOAM PACKAGING!

DON'T WORRY, I DON'T HAVE ANY TROUBLE WITH LAND-FILLS!

E-Z DISPOSAL WILL TAKE GOOD CARE OF YOU... AS LONG AS THE PRICE IS RIGHT!

OKAY, NICK! YOU'VE GOT YOURSELF A DEAL!

E-Z DISPOSAL

OKAY, ALEC! GET SOME
GOOD SHOTS OF THIS
MESS BEFORE WE
START OUR
CLEAN-UP!

YES,
MR. KLINE!

BE SURE TO
GET CLOSEUPS
OF DIFFERENT
KINDS OF
LITTER, ALEC!

I WILL, SHANNA. THIS TANDY
CAMCORDER MAKES VIDEO
TAPING A BREEZE!

THERE SURE IS A LOT OF
WORK TO DO AROUND
HERE!

WHEN PEOPLE SEE THIS TAPE
MAYBE THEY'LL THINK TWICE
ABOUT LITTERING IN THE
FUTURE!

SHORTLY...

THERE! I'VE GOT
PLENTY OF FOOTAGE!
NOW THE REAL WORK
CAN START!

OKAY, EVERYONE!
IT'S TIME TO
GET BUSY!

LET THE
CLEAN-UP
BEGIN!

THE VOLUNTEER CREW STARTS ITS CLEAN SWEEP OF TADPOLE CREEK!



IF PEOPLE KNEW HOW DANGEROUS SIX-
PACK RINGS LIKE THESE ARE TO ANIMALS
AND BIRDS THEY WOULD DISPOSE OF
THEM PROPERLY!



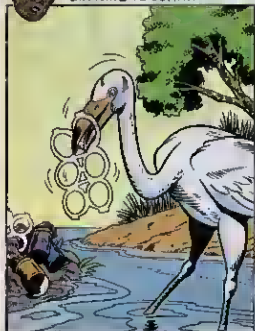
YOU'RE RIGHT,
SHANNA!



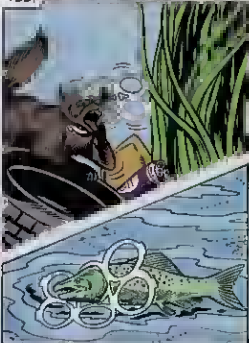
SIX-PACK RINGS
CAN BE DEATH
TRAPS FOR BIRDS,
ANIMALS AND
EVEN FISH!



"BIRDS SOMETIMES GET THEIR BEAKS STUCK IN THE PLASTIC SIX-PACK RINGS AND END UP STARVING TO DEATH!"



"SMALL ANIMALS AND FISH OFTEN END UP GETTING TANGLED UP IN SIX-PACK RINGS, TOO!"



THERE'S ONLY ONE SAFE WAY TO GET RID OF SIX-PACK RINGS!



FIRST YOU CUT THROUGH EACH AND EVERY RING!



THEN YOU PUT IT IN A PLACE WHERE IT CAN BE DISPOSED OF PROPERLY!



HERE, SHANNA / LET'S TRADE PLACES
FOR AWHILE! YOU VIDEO TAPE WHILE
I DO SOME CLEANING!

SURE, ALEC
WE'LL TAKE
TURNS!

DON'T PEOPLE KNOW
THAT DEER AND OTHER
ANIMALS...

...CAN CUT
THEIR TONGUES
ON HALF-
OPEN CANS
LIKE THESE?

I GUESS
NOT JACK...
OR MAYBE
THEY JUST
DON'T CARE!

PEOPLE DON'T REALIZE
ALMOST ALL LITTER IS
DANGEROUS! SMALL
ANIMALS SEARCHING FOR
FOOD SOMETIMES GET
THEIR HEADS STUCK IN
CONTAINERS LIKE
THESE!

EVEN CIGARETTE BUTTS AND
SMALL PIECES OF STYRO-
FOAM ARE HARMFUL!
ANIMALS EAT THEM BY
MISTAKE AND END UP
CHOKING!

THE BEST
WAY TO
KEEP ALL
ANIMALS
SAFE IS
NOT TO
LITTER AT
ALL!

ALEC AND SHANNA TAKE TURNS WITH THE
CAMCORDER, AS THE CLEAN-UP CONTINUES
THROUGHOUT THE DAY!

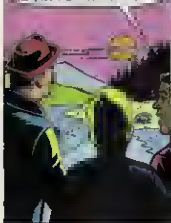
WOW! TADPOLE CREEK SURE LOOKS GREAT!
UNFORTUNATELY, IT'S TOO DARK NOW TO TAPE
THE FINISHED PROJECT. SHANNA AND I WILL
HAVE TO COME BACK TOMORROW!

I'LL
COME
TOO!

I JUST HOPE
THIS CREEK STAYS
CLEAN! SOME
PEOPLE USE IT
AS A PRIVATE
DUMP!



BUT THAT'S ILLEGAL! THIS
IS ALL PUBLIC LAND!

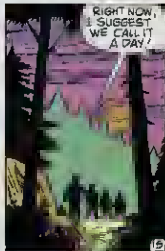


YOU'RE RIGHT
JACK, BUT IT'S
TOUGH TO
PROSECUTE
SUSPECTED
ILLEGAL
DUMPERS! YOU
ALMOST HAVE
TO CATCH
THEM IN THE
ACT!

MAYBE
YOUR
VIDEO
WILL MAKE
PEOPLE
MORE AWARE
OF THE
PROBLEM!



RIGHT NOW,
I SUGGEST
WE CALL IT
A DAY!



NEXT MORNING BACK AT TADPOLE CREEK!

WE'VE SURE WALKED A LONG WAY UPSTREAM!

YES! I DIDN'T REALIZE HOW MUCH WE CLEANED UP YESTERDAY! MY BATTERY IS JUST ABOUT OUT OF POWER!



THERE GOES THE BATTERY! WE CAN'T TAPE ANY MORE NOW!

HEY! IT SOUNDS LIKE A CAR JUST STOPPED ON THE ROAD ABOVE US!



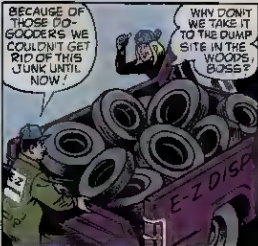
IT'S A PICKUP TRUCK! I WONDER WHAT IT'S DOING WAY OUT HERE?

MAYBE WE'D BETTER STAY OUT OF SIGHT UNTIL WE FIND OUT!

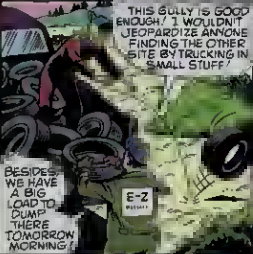


BECAUSE OF THOSE DO-GOODERS WE COULDN'T GET RID OF THIS JUNK UNTIL NOW!

WHY DON'T WE TAKE IT TO THE DUMP SITE IN THE WOODS, BOSS?



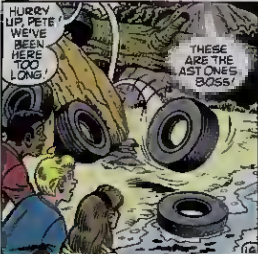
THIS BULLY IS GOOD ENOUGH! I WOULDN'T JEOPARDIZE ANYONE FINDING THE OTHER SITE BY TRUCKING IN SMALL STUFF!



BESIDES, WE HAVE A BIG LOAD TO DUMP THERE TOMORROW MORNING!

HURRY UP, PETE! WE'VE BEEN HERE TOO LONG!

THESE ARE THE ASTONES, BOSS!



LOOK AT THE MESS
THOSE ILLEGAL DUMPERS
MADE!

COME ON!
LET'S SEE
IF WE CAN
GET THEIR
LICENSE
PLATE
NUMBER



WHAT GOOD WILL THAT DO,
ALEC? MRS. WILSON SAID
YOU PRACTICALLY HAVE TO
CATCH ILLEGAL DUMPERS
IN THE ACT!

JACK'S RIGHT! IT
WILL BE OUR WORD
AGAINST THEIRS!



IT'S TOO BAD MY
BATTERY GAVE OUT!
I COULD HAVE
VIDEO TAPED
THEM DUMPING
THOSE TIRES!

THAT'S IT, ALEC! WE'LL
VIDEO TAPE THOSE
ILLEGAL DUMPERS!



WHAT
DO YOU
MEAN
SHANNA?

THEY SAID THEY'RE GOING TO
DUMP A BIG LOAD AT A SECRET
SITE NEAR HERE TOMORROW!



IF WE CAN FIND THE
SITE, MAYBE WE CAN
TAPE THEM DOING SOME
ILLEGAL
DUMPING!

GOOD THINKING,
SHANNA! THEN
WE CAN TURN
TO THE
AUTHORITIES...

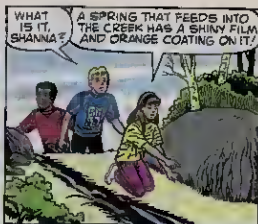


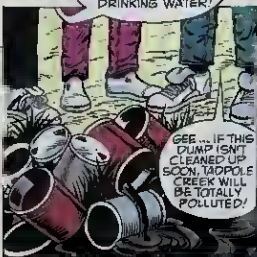
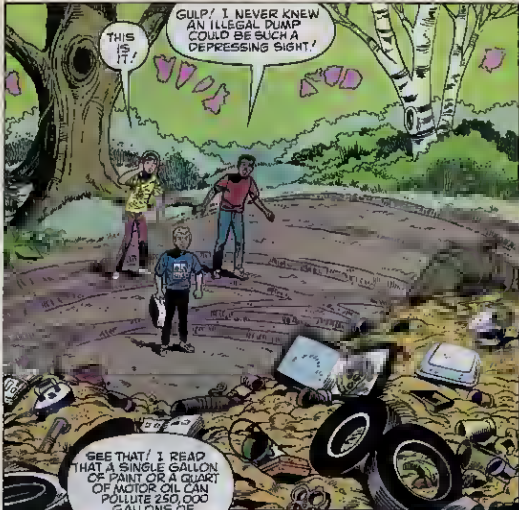
... AND HAVE THEM
DEAD TO RIGHTS

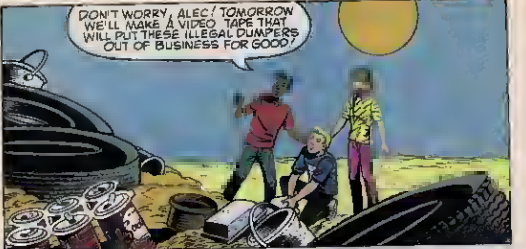
COME ON! LET'S SEARCH UPSTREAM FOR THAT SECRET
DUMP SITE!

WE'RE RIGHT
BEHIND YOU
ALEC!

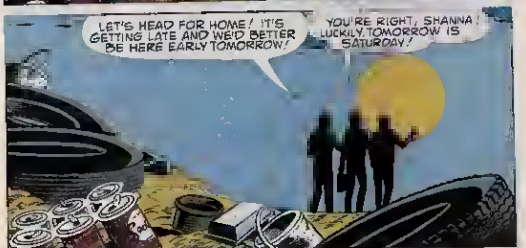









DON'T WORRY, ALEC! TOMORROW
WE'LL MAKE A VIDEO TAPE THAT
WILL PUT THESE ILLEGAL DUMPERS
OUT OF BUSINESS FOR GOOD!



LET'S HEAD FOR HOME! IT'S
GETTING LATE AND WE'D BETTER
BE HERE EARLY TOMORROW!

YOU'RE RIGHT, SHANNA!
LUCKILY, TOMORROW IS
SATURDAY!



WHAT UPSETS ME SO MUCH IS... ILLEGAL
DUMPERS DON'T JUST COMMIT CRIMES AGAINST
A COMMUNITY OR ITS PEOPLE! THEIR CRIME IS
AGAINST THE ENTIRE PLANET!

NEXT MORNING AT
THE DUMP SITE...

WE HAD TO, JACK! THERE'S NO WAY OF KNOWING WHEN
THOSE ILLEGAL DUMPERS WILL SHOW UP!

YAWN!
WE SURE
GOT HERE
EARLY
ENOUGH!
I'M
BARELY
AWAKE!

SHANNA IS RIGHT! WE MIGHT
END UP WAITING HERE ALL
DAY!

IT'LL BE WORTH
IT TO GET SOLID
PROOF AGAINST
THOSE
CRIMINAL
POLLUTERS!

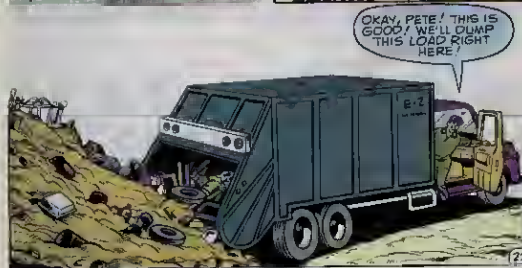
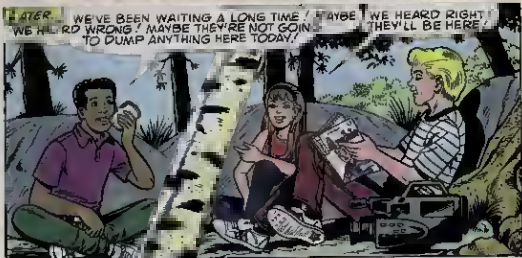
I JUST HOPE
YOUR BATTERY
IS CHARGED
ENOUGH, ALEC!

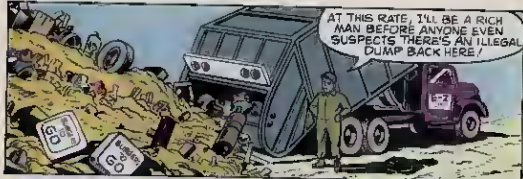
DON'T WORRY, JACK! I HAVE
PLENTY OF BATTERY POWER
TODAY!

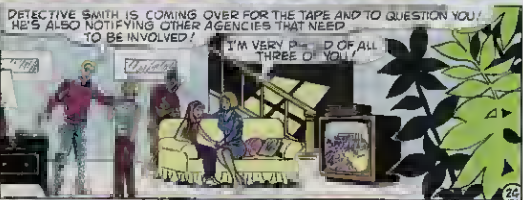
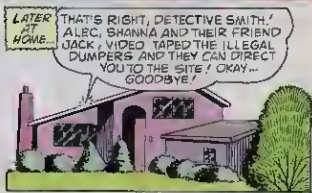
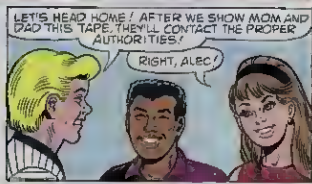
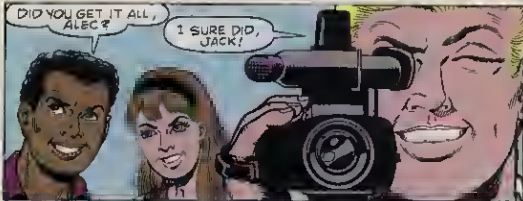
WE'D BETTER FIND SOME-
PLACE TO HIDE WHERE WE
CAN SEE THE WHOLE
DUMP SITE!

THERE'S A GOOD
PLACE BEHIND THOSE
BUSHES! COME ON!

THIS SPOT IS PERFECT! WITH A CLEAR VIEW OF THE
ENTIRE DUMP! NOW TO GET THE CAMCORDER
READY FOR ACTION!







THANKS TO THE EVIDENCE PROVIDED BY ALEC, SHANNA AND JACK, AUTHORITIES QUICKLY CLOSED IN ON THE ILLEGAL DUMPING OPERATION

BOSS! THE COPS ARE OUTSIDE!

HUH? WE'D BETTER FIND OUT WHAT THEY WANT!

HEY! WHAT'S GOING ON OUT HERE?

NICK JOHNSON AND PETE GREEN, WE HAVE WARRANTS FOR YOUR ARREST ON THE CHARGES OF ILLEGALLY DUMPING HAZARDOUS MATERIAL!



THESE ARE YOUR RIGHTS... YOU'RE THE ONE WHO MADE A MISTAKE BY OPERATING AN ILLEGAL DUMP ON PUBLIC LAND!

OH, NO! THEY FOUND THE DUMP, BOSS!

THAT'S RIGHT! WE HAVE MORE THAN ENOUGH EVIDENCE TO CONVICT BOTH OF YOU AND TO CLOSE DOWN THIS DUMPING OPERATION FOREVER!

GRRR...



LATER...
TADPOLE CREEK
IS SURE LOOKING
GOOD!

AND IT'LL LOOK BETTER AND BETTER NOW THAT
THE AUTHORITIES ARE CLEANING UP THAT
ILLEGAL DUMP SITE UPSTREAM!

THE SITE IS
BEING CLEANED!
THE ILLEGAL
DUMPERS ARE
OUT OF BUSINESS!
I GUESS WE CAN
CHALK UP A
VICTORY
FOR THE ENVIRON-
MENT!

YOU'RE RIGHT, JACK!
THANKS TO ALL THE
PUBLICITY, EVEN THE
BURGERS TO GO RESTAU-
RANT IN TOWN HAS
DECIDED TO STOP USING
STYROFOAM
PACKAGING!

I HOPE NOW TADPOLE
CREEK WILL STAY CLEAN
... GUM ANYONE?

TADPOLE CREEK
WILL STAY CLEAN
ONLY IF WE
STOP
POLLUTION
-- AT ALL
LEVELS!

YIKES! I DIDN'T REALIZE
WHAT I WAS DOING!
SORRY ABOUT THAT!

TO SAFEGUARD OUR ENVIRONMENT,
WE ALL HAVE TO BE AWARE OF
THE GARBAGE WE CREATE...

AND ALWAYS
RECYCLE AS
MUCH AS
POSSIBLE!

Whizkids



CHECK- LIST

12-POINT RECYCLING

ALEC SAYS... DO

- ☐ SNIP THROUGH ALL SIX-PACK CAN PLASTIC RINGS AND DISPOSE OF THEM AND ALL SOLID WASTE PROPERLY!
- ☐ START RECYCLING PROGRAMS AT HOME AND AT SCHOOL!
- ☐ SAVE AND BUNDLE ALL OLD NEWSPAPERS!
- ☐ ADOPT A PARK OR WILDLIFE AREA AND KEEP IT CLEAN OF LITTER!
- ☐ SAVE OLD CANS AND SEPARATE ALUMINUM CANS FROM STEEL ONES!
- ☐ RECYCLE GLASS BY REMOVING ALL CAPS, RINGS AND CORKS AND BY SEPARATING JARS AND BOTTLES BY COLOR!



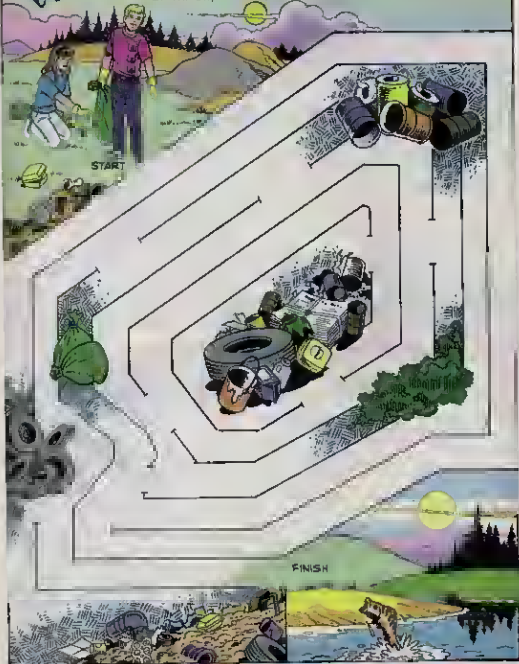
SHANNA SAYS... DON'T

- ☐ POUR OLD OIL OR LEFTOVER PAINT INTO THE GROUND (IT POLLUTES GROUND WATER!)
- ☐ RELEASE BALLOONS INTO THE AIR (THEY CAN LAND IN THE OCEAN AND HARM SEA CREATURES!)
- ☐ BUY OBJECTS THAT COME IN PACKAGES THAT CANNOT BE RECYCLED!
- ☐ WASTE WATER BY LETTING WATER RUN WHILE WASHING DISHES OR THE CAR!
- ☐ THROW OLD BOTTLES, CANS OR NEWSPAPERS INTO THE TRASH WITH OTHER GARBAGE!
- ☐ USE OR BUY STYROFOAM CUPS OR PLATES!



Whizkids LITTER MAZE

HELP ALEC AND SHANNA MAKE A CLEAN SWEEP OF THE LITTER MAZE BY FINDING A WAY TO THE POLLUTION-FREE FINISH! BEWARE OF PILES OF TRASH, GARBAGE AND SMOG BLOCKING YOUR PATH!



Whizkids HIDDEN PICTURE HUNT!

LOOK CAREFULLY AT THE PICTURE BELOW, HIDDEN AROUND THE PAGE ARE 5 BOTTLES, 3 LARGE CANS, 1 SMALL CAN, 2 FROGS, 2 TURTLES, 1 WHOLE TIRE, 1 HALF TIRE AND AN OLD GLOVE, HAVE FUN AND GOOD HUNTING! AFTER YOU FIND THE ITEMS, COLOR THE PICTURE!

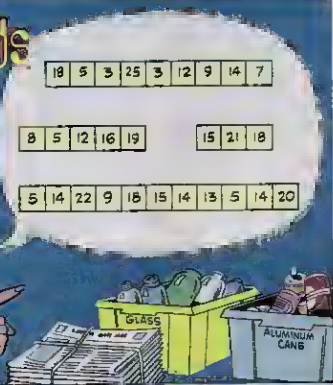
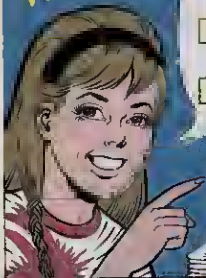


Shanna's Secret Message

TO FIND OUT WHAT SHANNA'S SECRET MESSAGE IS, FIRST NUMBER THE LETTERS OF THE ALPHABET STARTING WITH 'A' AS THE NUMBER ONE AND ENDING WITH THE LETTER 'Z'. THEN USING THE NUMBER CODE, WRITE EACH LETTER ABOVE ITS MATCHING NUMBER IN THE BALLOON TO SPELL OUT THE WORDS OF SHANNA'S MESSAGE!

1														
A	B	C	D	E	F	G	H	I	J	K	L	M		
N	O	P	Q	R	S	T	U	V	W	X	Y	Z		

Whizkids



18	5	3	25	3	12	9	14	7
----	---	---	----	---	----	---	----	---

8	5	12	16	19
---	---	----	----	----

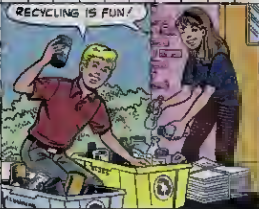
15	21	18
----	----	----

5	14	22	9	18	15	14	13	5	14	20
---	----	----	---	----	----	----	----	---	----	----

Whizkids

RECYCLING WORD SEARCH



T	N	T	N	E	M	N	O	R	I	V	N	E	B	P	G	L	A	S	S		
V	K	S	B	C	H	G	I	M	C	P	T	O	L	S	Y	O	O	S	G		
G	N	I	P	M	U	D	L	A	G	E	L	L	I	C	B	T	U	T	N		
C	L	X	R	V	C	E	D	P	O	W	U	H	K	T	P	O	R	Y	I		
X	T	S	E	K	L	C	B	U	Y	Z	T	L	E	E	U	V	O	R	R		
S	N	A	C	C													C	L	P	O	K
C	O	Z	Y	T													S	S	L	F	C
W	B	C	C	K													V	Z	C	O	A
E	E	L	L	B													R	E	P	A	P
R	P	L	E	C													E	D	E	M	X
T	S	T	L	D													C	G	H	M	I
W	U	F	C	P													L	O	U	C	S
K	V	O	T	L													A	N	V	L	K
C	F	N	G	A	R	B	A	G	E	B	Y	T	V	U	T	P	B	T	C		
V	O	A	P	S	E	M	N	W	J	E	T	W	T	M	M	U	K	T	P		
B	E	L	T	T	O	B	V	X	S	O	U	B	U	N	S	V	D	T	C		
E	S	P	U	T	E	T	S	A	W	D	T	L	O	S	S	C	E	E	T		
T	B	L	Y	C	O	N	S	E	R	V	A	T	T	O	N	W	U	R	K		

HELP ALEC AND SHANNA FIND 19 WORDS THAT DEAL WITH THE ENVIRONMENT OR RECYCLING IN THE PUZZLE ABOVE. HUNT IN EVERY DIRECTION, SEARCH UP, DOWN, FORWARDS, BACKWARDS AND DIAGONALLY. HAVE FUN AND CROSS OFF THE WORDS BELOW AS YOU FIND THEM!

POLLUTION, SOLID WASTE, LITTER, ENVIRONMENT, BOTTLE, CANS, ILLEGAL DUMPING, RECYCLE, GARBAGE, PLASTIC, GLASS, PAPER, RECLAIM, PRECYCLE, CONSERVATION, ALUMINUM, LANDFILL, STYRO-FOAM, SIX PACK RINGS!

STILL FREE

WHILE THE SUPPLY LASTS!

(HEY, KIDS! COLOR THIS PAGE!)

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Plus ACTIVITY PAGES!

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ADVENTURE WITH
ALEC & SHANNA
"SAFEGUARDING
the ENVIRONMENT"

also

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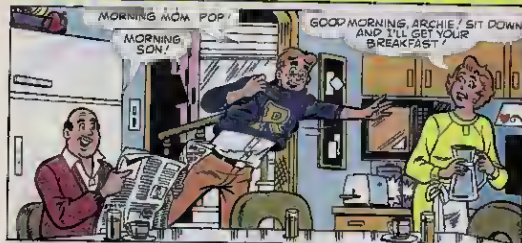
Radio Shack® PRESENTS...

Archie AND THE HISTORY OF electronics

MORNING MOM POP!

MORNING SON!

GOOD MORNING, ARCHIE! SIT DOWN AND I'LL GET YOUR BREAKFAST!



I DON'T HAVE MUCH TIME FOR BREAKFAST, MOM! TODAY IS ONE DAY I DON'T WANT TO BE LATE FOR SCHOOL!

THERE'S ALWAYS ENOUGH TIME FOR BREAKFAST, ARCHIE! IT'S THE MOST IMPORTANT MEAL OF THE DAY! SIT DOWN, AND I'LL MAKE SOMETHING FAST!



WHAT'S SO IMPORTANT ABOUT TODAY, SON? IS IT A BLONDE OR A BRUNETTE?

ACTUALLY, POP, TODAY MY CLASS IS GOING ON AN INTERESTING FIELD TRIP TO THE MUSEUM OF SCIENCE AND HISTORY!



SCRIPT:

ART BY:

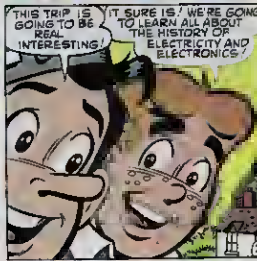
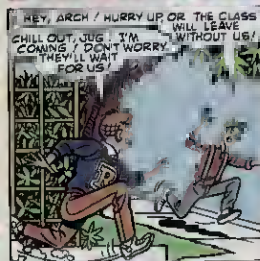
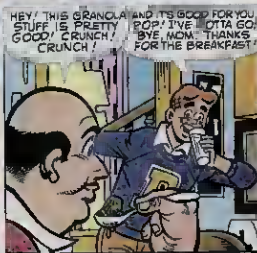
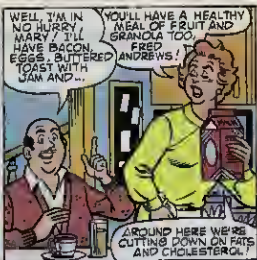
LETTERING:

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EDITOR:

MIKE PELLOWBRI HOWARD BENDER & JON D'AGOSTINO BILL YOSHIDA BARRY GROSSMAN VICTOR DORELICK

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IT LOOKS LIKE
WE'RE JUST IN
TIME FOR
ATTENDANCE, JUG!

HUMPH! ARCHIE AND JUGHEAD ARE THE LAST TO ARRIVE... AS
USUAL! OKAY! EVERYONE'S PRESENT! LET'S GET
ON THE BUS!



I CAN'T
WAIT TO
FIND OUT
ABOUT THE
MANY
KINDS OF
POWER
SOURCES!

I CAN'T
WAIT TO
VISIT
THE
COMPUTER
EXHIBIT!

I CAN'T
WAIT TO
GET ON
THE BUS
AND SIT
NEXT TO
VERONICA!



WE'RE READY TO
ROLL! LET'S GO,
MR. SVENSON!



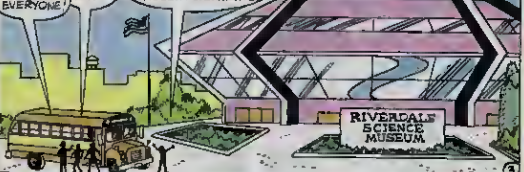
THIS RIDE
WON'T TAKE
LONG, CLASS!
THE MUSEUM
ISN'T VERY
FAR!



SOON...
HERE
WE ARE,
EVERYONE!

WOW!
WHAT
A BIG
PLACE!

AND IT'S FILLED WITH
EXHIBITS OF MAN'S
GREATEST
ACCOMPLISHMENTS!



THIS MUSEUM IS GIGANTIC!
THERE ARE SO MANY
EXHIBITS TO SEE!

KEEP
TOGETHER
NOW CLASS!

WHERE
ARE WE
GOING TO
START,
MS.
GRUNDY?

OUR TOUR
BEGINS IN
THE HALL
OF POWER,
ARCHIE!

HALL OF
POWER

FIRST WE'LL
TALK ABOUT
ALTERNATING
CURRENT
ELECTRIC
POWER!

THANKS TO A PRINCIPLE DISCOVERED BY AN AMERICAN IMMIGRANT
NAMED NIKOLA TESLA, THE WORLD'S FIRST HYDROELECTRIC GENERATING
PLANT BEGAN OPERATION AT NEW YORK'S
NIAGARA FALLS IN 1895!

AMERICA'S
ELECTRIC
POWER

NIAGARA
FALLS, N.Y.

N.Y.

ALTERNATING CURRENT IS THE KEY TO
MANY ELECTRONIC ACCOMPLISHMENTS
AND ADVANCEMENTS! RIGHT,
MS. GRUNDY?

THAT'S
CORRECT,
DILTON!

NIAGARA
FALLS, N.Y.

TESLA WORKED WITH THE
INVENTOR THOMAS
EDISON FOR AWHILE,
BUT SINCE HE DISLIKED
DIRECT CURRENT
SYSTEMS, HE WENT
OFF ON HIS OWN!

NIKOLA
TESLA

EDISON AND TESLA LATER BECAME COMPETITORS FOR THE NIAGARA FALLS PROJECT! TESLA'S DEVELOPMENT OF AN EFFICIENT DISTRIBUTION SYSTEM WITH LIMITED POWER LOSS WON!

RESERVOIR

GENERATOR
STEP-UP
TRANSFORMER
220,000 VOLTS

TOWERS SUPPORT
CARRYING 220,000 VOLTS

STEP-DOWN TRANSFORMER
AT SUBSTATION

NOW
110 VOLTS

YOUR HOME

TESLA MADE IT
POSSIBLE TO
BRING ELECTRICAL
POWER TO EVERY
CORNER OF OUR
NATION...
INCLUDING
RIVERDALE!

GEE
...WITHOUT
TESLA, I
COULDN'T
WATCH TV!

AND MY
REFRIGERATOR
WOULDN'T
BE RUNNING!

WHAT? YOUR REFRIGERATOR
IS RUNNING? THEN YOU'D
BETTER GO HOME AND
CATCH IT, JUG!

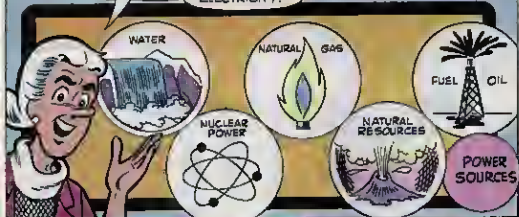
NIKOLA TESLA
WAS A
BRILLIANT
MAN! HE
ALSO INVENTED
AN ARCH LIGHT
SYSTEM AND
REMOTE
CONTROL
RADIO
DEVICES

BUT TESLA'S
MOST FAMOUS
INVENTION IS THE
TESLA CELL, AN
ELECTRONIC
TUBE INVALUA-
BLE IN LONG
DISTANCE
WIRELESS
COMMUNICATION!

POWER

OKAY, EVERYONE! LET'S
MOVE ON TO THE NEXT
EXHIBIT!

IN ADDITION TO HYDROELECTRIC GENERATING PLANTS, THE U.S. USES MANY DIFFERENT POWER SOURCES TO PRODUCE ELECTRICITY.



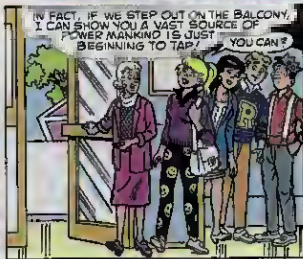
HOW CAN NATURAL RESOURCES PRODUCE ELECTRICITY, MS. GRUNDY?

GOOD QUESTION, BETTY! THE FOLLOWING EXHIBITS WILL HELP ME EXPLAIN!



IN FACT, IF WE STEP OUT ON THE BALCONY, I CAN SHOW YOU A VAST SOURCE OF POWER MANKIND IS JUST BEGINNING TO TAP!

YOU CAN?

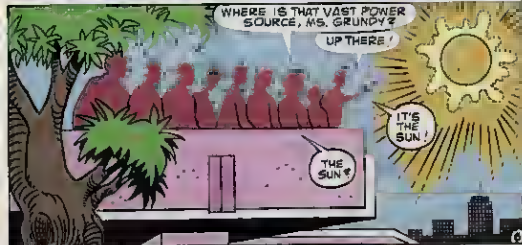


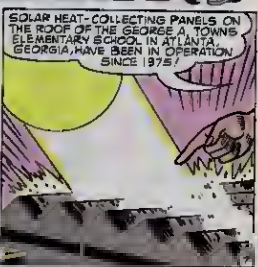
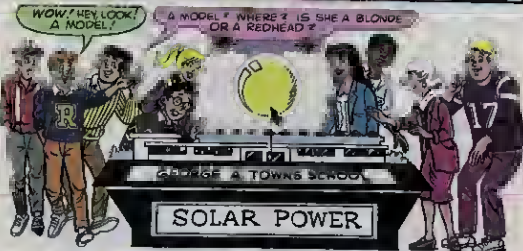
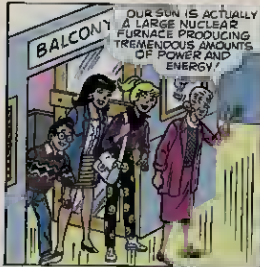
WHERE IS THAT VAST POWER SOURCE, MS. GRUNDY?

UP THERE!

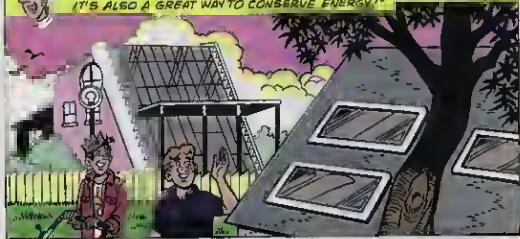
IT'S THE SUN!

THE SUN?





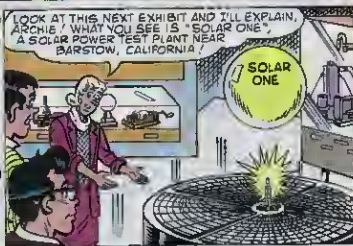
SOLAR PANELS ARE FOUND ON THE ROOFS OF MANY HOMES AND BUILDINGS TODAY! SOLAR ENERGY PROVIDES HOT WATER AND HEAT FOR ROOMS! IT'S ALSO A GREAT WAY TO CONSERVE ENERGY!



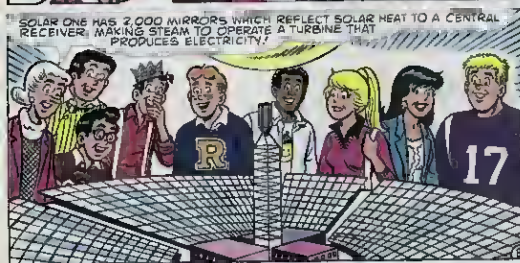
BUT HOW DOES SOLAR ENERGY BECOME ELECTRICITY, MR. GRUNDY?

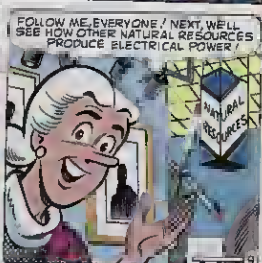
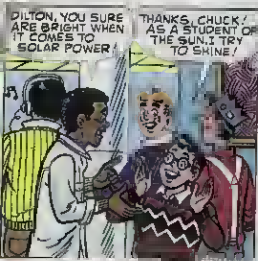
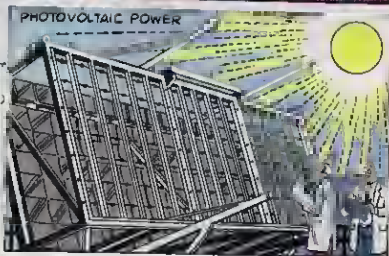
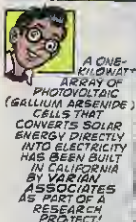
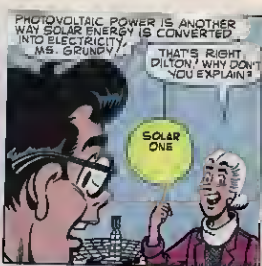
LOOK AT THIS NEXT EXHIBIT AND I'LL EXPLAIN, ARCHIE! WHAT YOU SEE IS "SOLAR ONE", A SOLAR POWER TEST PLANT NEAR BARSTOW, CALIFORNIA!

SOLAR ONE



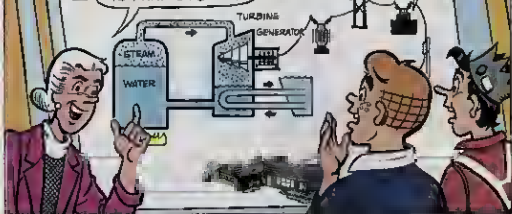
SOLAR ONE HAS 2,000 MIRRORS WHICH REFLECT SOLAR HEAT TO A CENTRAL RECEIVER, MAKING STEAM TO OPERATE A TURBINE THAT PRODUCES ELECTRICITY!





THIS IS A DIAGRAM OF HOW NATURAL GAS PRODUCES ELECTRICITY THAT IS CARRIED TO PRIVATE HOMES!

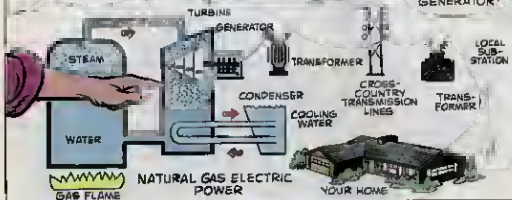
GEE!



NATURAL GAS FLAMES HEAT WATER IN A BOILER...

...TURNING IT INTO STEAM, WHICH STRIKES THE BLADES OF A TURBINE...

...CAUSING IT TO ROTATE AN ATTACHED ELECTRICAL GENERATOR!



ISN'T IT TRUE THAT COAL CAN ALSO BE USED TO PRODUCE STEAM, MS. GRUNDY?

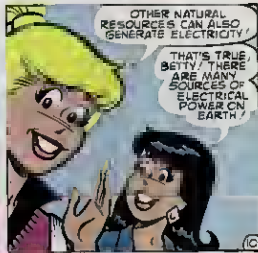
THAT'S RIGHT, ARCHIE!

HEY, ARCH! YOU'RE PRETTY SMART--FOR A MINOR!



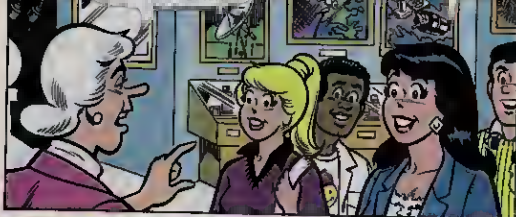
OTHER NATURAL RESOURCES CAN ALSO GENERATE ELECTRICITY!

THAT'S TRUE, BETTY! THERE ARE MANY SOURCES OF ELECTRICAL POWER ON EARTH!



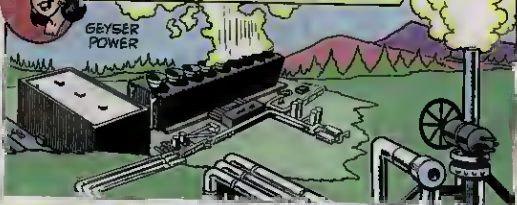
CAN YOU GIRLS NAME SOME OF
THOSE SOURCES? YOU GO
FIRST, VERONICA?

OKAY, MS. GRUNDY



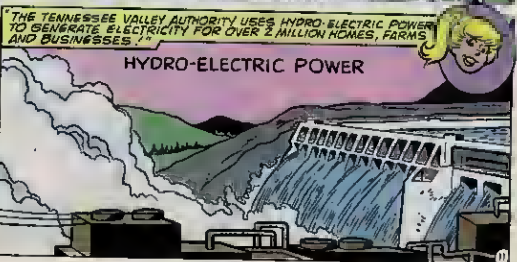
"IN CALIFORNIA, PACIFIC GAS AND ELECTRIC PIPES STEAM FROM
GEYSERS THROUGH A CLEANSING SYSTEM TO TURBINES THAT
GENERATE ELECTRICITY." YOUR TURN, BETTY!

GEYSER
POWER



"THE TENNESSEE VALLEY AUTHORITY USES HYDRO-ELECTRIC POWER
TO GENERATE ELECTRICITY FOR OVER 2 MILLION HOMES, FARMS
AND BUSINESSES."

HYDRO-ELECTRIC POWER



I'M IMPRESSED!

ME TOO! WHY AREN'T YOU CLAPPING, JUG?

I'M CONSERVING ENERGY!

CLAP!
CLAP!

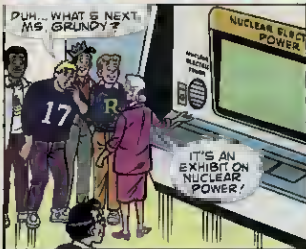
CLAP!
CLAP!

CLAP!
CLAP!

CLAP!



DUH... WHAT'S NEXT, MS. GRUNDY?



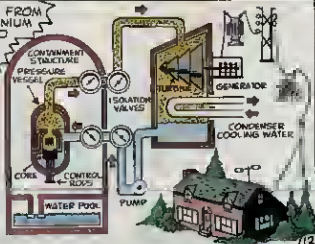
ALL WE DO IS PRESS THIS BUTTON FOR A DESCRIPTION OF HOW A NUCLEAR POWER PLANT WORKS!

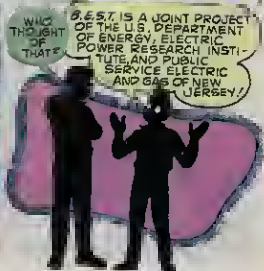
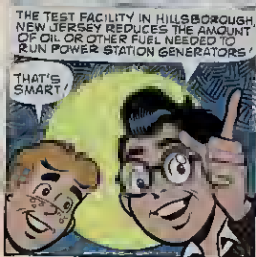
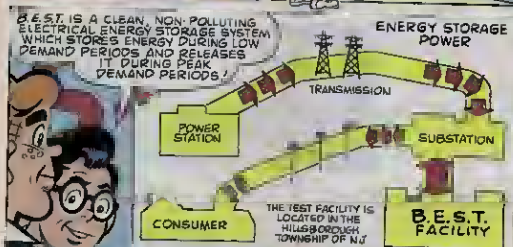
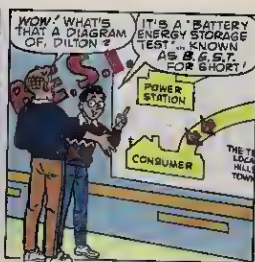
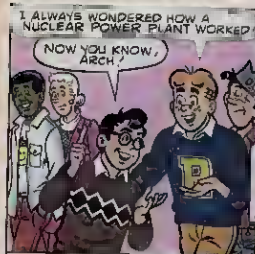
A NUCLEAR ELECTRIC POWER PLANT IS SIMILAR TO A STEAM-ELECTRIC GENERATING SYSTEM!

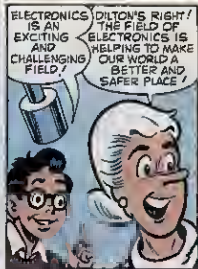
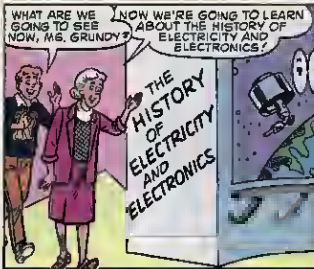


A REACTOR CREATES STEAM FROM FISSIONING (SPLITTING) URANIUM FUEL! WATER IS TURNED INTO STEAM, WHICH STRIKES TURBINE BLADES, ROTATING AN ELECTRICITY GENERATOR!

NUCLEAR ELECTRIC POWER







THE WORLD METEOROLOGICAL ORGANIZATION NOW HAS A WORLD WEATHER WATCH WHICH USES A GEOSTATIONARY METEOROLOGICAL SATELLITE TO KEEP THE WORLD INFORMED ABOUT WEATHER MOVEMENTS!



AND MOBILE SATELLITE GROUND STATIONS SENDING ELECTRONIC SIGNALS TO SATELLITES ABOVE EARTH LET US VIEW WORLDWIDE EVENTS LIKE THE OLYMPICS ON T.V.!

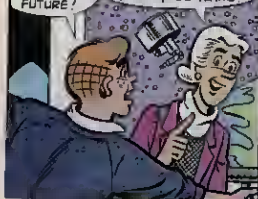


EVEN THE U.S. POSTAL SERVICE NOW USES COMPUTERS TO PROMOTE LOW COST SPEED MAILINGS! THE SERVICE IS CALLED E-COM! THE INTERNATIONAL SERVICE IS CALLED INTELPOST!



WOW!
ELECTRONICS
IS SURE THE
WAVE OF THE
FUTURE!

ACTUALLY, ARCHIE, THE
STORY OF ELECTRICITY
ITSELF DATES BACK
OVER 2,000 YEARS!



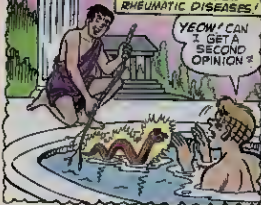
NO ONE KNOWS FOR SURE, BUT AS
EARLY AS 600 B.C., THALES OF MILETUS,
GREECE, THEORIZED A CONNECTION
BETWEEN ELECTRICITY AND
MAGNETISM!

GEE... IMAGINE
THAT!



THE ANCIENT GREEKS EVEN TRIED ELECTRIC
SHOCKS FROM EELS AS
A TREATMENT FOR
RHEUMATIC DISEASES!

YEOW! CAN
I GET A
SECOND
OPINION?



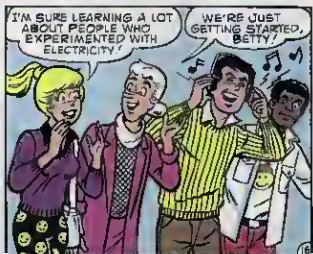
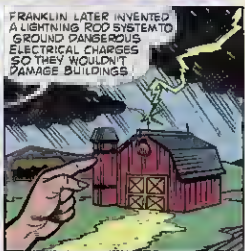
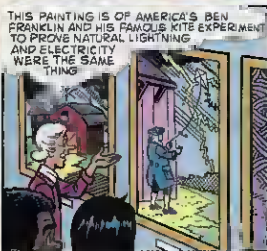
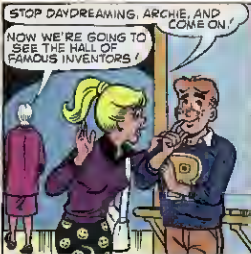
AN ANCIENT ELECTRIC BATTERY UNEARTH-
ED IN IRAQ IN 1936 MAY HAVE BEEN USED
FOR ELECTROPLATING
METALS SOME 2,000
YEARS AGO!



THE GREAT JAPANESE ENCYCLOPEDIA OF 1712
SHOWS A PICTURE OF A "SOUTH POINTING CART"
USED IN CHINA IN THE 5TH CENTURY! IT WAS
SIMILAR TO A COMPASS USED BY SHIPS!

A MAGNET IN THE ARM OF THE
PIVOTING MANNEQUIN CAUSES IT
TO ALWAYS POINT IN THE SAME
DIRECTION!





ALESSANDRO VOLTA

ALESSANDRO VOLTA OF ITALY MADE THE FIRST PRACTICAL DESIGN FOR A BATTERY IN 1800!

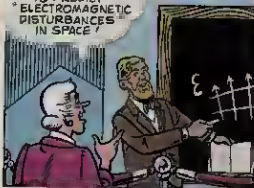


IN 1831, MICHAEL FARADAY OF ENGLAND DEvised THE FIRST MACHINE TO PRODUCE ELECTRICITY FROM MECHANICAL ENERGY!

MICHAEL FARADAY



ENGLAND'S JAMES CLERK MAXWELL STUDIED THE FINDINGS OF FARADAY AND OTHERS AND USED MATHEMATICS TO PREDICT ELECTROMAGNETIC DISTURBANCES IN SPACE!



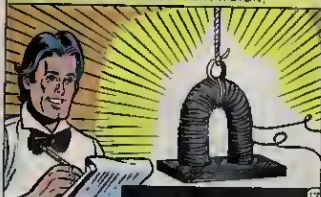
THEN HEINRICH HERTZ PAVED THE WAY FOR THE INVENTION OF WIRELESS RADIO BY ACTUALLY CREATING THE DISTURBANCES STUDIED BY MAXWELL! HE PROVED THE DISTURBANCES ACTED THE SAME WAY AS LIGHT!

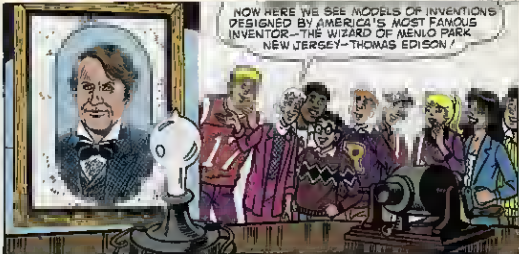


WILLIAM GILBERT OF ENGLAND WAS THE FIRST PERSON TO USE TERMS LIKE: ELECTRIC FORCE, ELECTRICITY AND ELECTRICAL ATTRACTION! THE TERM "GILBERT" TODAY MEANS A UNIT OF MAGNETISM!

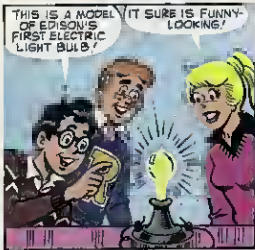


AMERICAN INVENTORS ALSO PLAYED KEY ROLES IN ADVANCING ELECTRONICS! JOSEPH HENRY BUILT THE FIRST ELECTROMAGNET, WHICH WAS LATER USED FOR THE FIRST DIRECT CURRENT MOTOR!



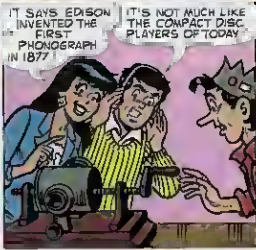


NOW HERE WE SEE MODELS OF INVENTIONS
DESIGNED BY AMERICA'S MOST FAMOUS
INVENTOR--THE WIZARD OF MENLO PARK
NEW JERSEY--THOMAS EDISON!



THIS IS A MODEL
OF EDISON'S
FIRST ELECTRIC
LIGHT BULB!

IT SURE IS FUNNY-
LOOKING!



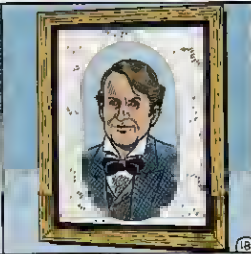
IT SAYS EDISON
INVENTED THE
FIRST
PHONOGRAPH
IN 1877!

IT'S NOT MUCH LIKE
THE COMPACT DISC
PLAYERS OF TODAY



IN 1913, EDISON
SUCCEEDED IN
MAKING TALKING
MOTION PICTURES,
BUT HIS INVENTION
WAS NEVER
PERFECTED!

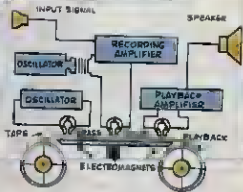
EDISON'S MOTION
PICTURES COULDN'T
BE A BAD AS THE
HOME VIDEO
TAPES REGGIE
SHOOTS ON HIS
CAMCORDER!



SPEAKING OF TAPES LEADS US TO OUR NEXT INVENTION! MAGNETIC RECORDING WAS INVENTED BY VALDEMAR POUlsen IN 1899!



ACTUAL TAPE RECORDING WASN'T INVENTED UNTIL THE 1930'S! THIS DIAGRAM ILLUSTRATES THE PRINCIPLE OF TAPE RECORDING!

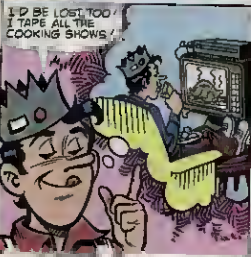


THOSE EARLY INVENTIONS LED TO THE CREATION OF OUR MODERN TAPE RECORDERS AND EVEN PRESENT-DAY VIDEO CASSETT RECORDERS!

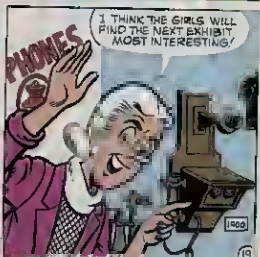


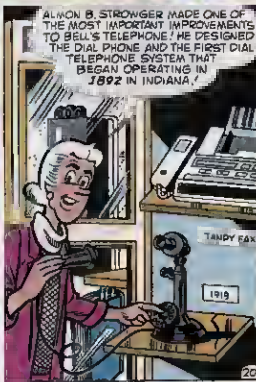
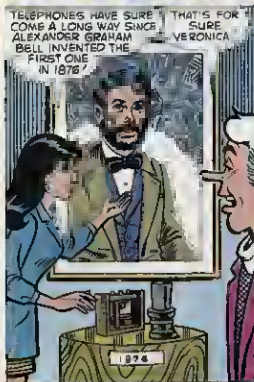
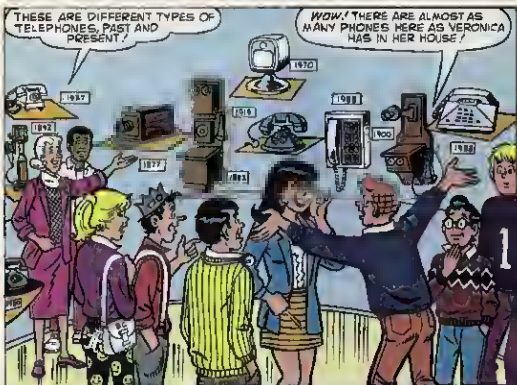
I'D BE LOST WITHOUT MY VCR. I TAPE ALL THE SOAP OPERAS!

I'D BE LOST TOO! I TAPE ALL THE COOKING SHOWS!



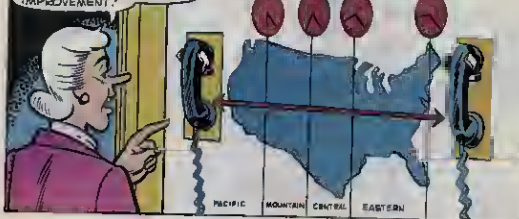
I THINK THE GIRLS WILL FIND THE NEXT EXHIBIT MOST INTERESTING!





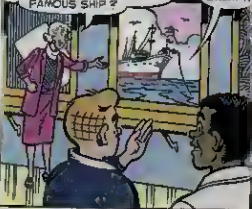
LEE DE FORREST'S AMPLIFYING RADIO TUBE, KNOWN AS THE AUDION, WAS THE NEXT BIG IMPROVEMENT.

IT MADE BETTER LONG DISTANCE CALLS POSSIBLE!



THIS IS A PAINTING OF THE CABLE SHIP *HMS MONARCH*. DOES ANYONE KNOW WHY IT IS A FAMOUS SHIP?

I KNOW, MS. GRUNDY!



THE *MONARCH* LAID A TELEPHONE CABLE THAT SPANNED THE ATLANTIC OCEAN! THE CABLE STRETCHED 2,500 MILES FROM NEWFOUNDLAND TO SCOTLAND!



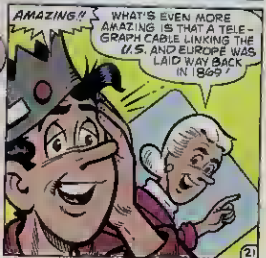
THE CABLE CARRIED ITS FIRST VOICE COMMUNICATION ON SEPTEMBER 25, 1956!

EXCELLENT, ARCHIE! THAT CABLE ORIGINALLY HAD A CAPACITY OF 37 CALLS! A NEW SUPER-CABLE OF THE FIBER-OPTIC TYPE NOW USES PULSES OF LASER LIGHT AND CAN CARRY 40,000 SEPARATE CALLS!

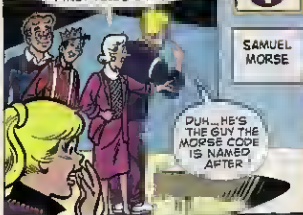


AMAZING!!

WHAT'S EVEN MORE AMAZING IS THAT A TELEGRAPH CABLE LINKING THE U.S. AND EUROPE WAS LAID WAY BACK IN 1869!



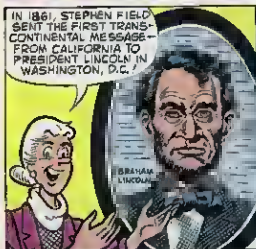
THIS EXHIBIT SHOWS SAMUEL MORSE
IN 1837 WHEN HE BUILT THE VERY
FIRST TELEGRAPH!



SAMUEL
MORSE

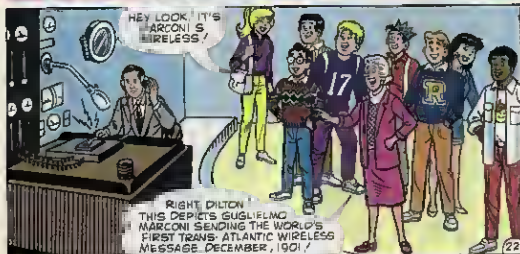
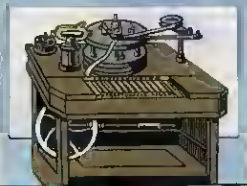


IN 1861, STEPHEN FIELD
SENT THE FIRST TRANS-
CONTINENTAL MESSAGE—
FROM CALIFORNIA TO
PRESIDENT LINCOLN IN
WASHINGTON, D.C.!



ABRAHAM
LINCOLN

*DURING THE CIVIL WAR, THE FIRST TELE-
GRAPH PRINTER WAS INVENTED BY ROYAL
HOUSE OF VERMONT!*



RIGHT DILTON
THIS DEPICTS GUGLIELMO
MARCONI SENDING THE WORLD'S
FIRST TRANS-ATLANTIC WIRELESS
MESSAGE DECEMBER, 1901!

YEARS LATER, SHIPS ADDED SMALL ROOMS ON THEIR TOP DECKS AS COMPARTMENTS FOR MARCONI'S WIRELESS! THAT ROOM WAS CALLED A "RADIO SHACK" BY SAILORS!



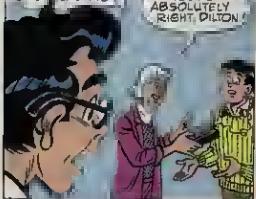
I GUESS WE HAVE MARCONI TO THANK FOR RADIO PROGRAMS!

ACTUALLY REGGIE, A CANADIAN-AMERICAN INVENTOR NAMED REGINALD FESSENDEN SENT THE FIRST MUSIC, BY WIRELESS, FROM BRANT ROCK, MASSACHUSETTS ON DECEMBER 24, 1906!

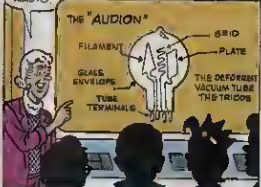


MRS. GRUNDY, DIDN'T THE DEFOREST AUDION TUBE MAKE A BIG CONTRIBUTION TO RADIO BROADCASTING?

YOU'RE ABSOLUTELY RIGHT, DILTON!



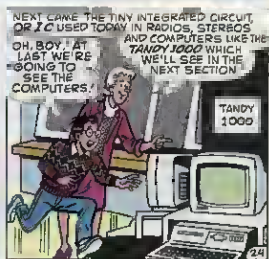
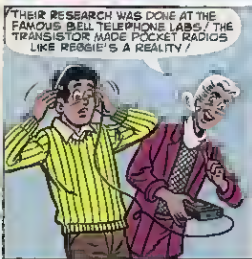
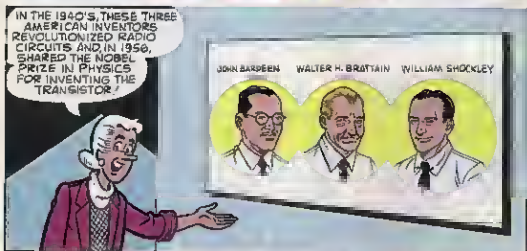
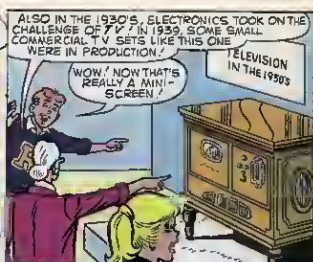
THIS IS A DIAGRAM OF THE AUDION! THE TUBE MADE LOUDER SOUND POSSIBLE EVEN FROM FARAWAY STATIONS! IT CONTRIBUTED TO THE BIRTH OF MODERN RADIO!



OF COURSE, EARLY RADIOS LIKE THIS ONE HAD HUGE, FUNNY-LOOKING LOUD SPEAKERS!

I'LL TAKE MY HEADSET OVER THAT ANYTIME!





THIS IS A "HANDS ON" EXHIBIT, CLASS, SO DON'T BE AFRAID TO TOUCH THINGS! THIS COMPUTER IS A TANDY 1000!

COMPUTER EXHIBIT



THE USES FOR COMPUTERS ARE ENDLESS! AT AIR TERMINALS, THEY SPEED UP THE PROCESSING OF RESERVATIONS AND TICKETS!

FLIGHT

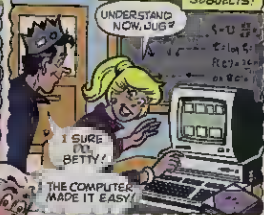


IN SCHOOLS, THEY ARE USED AS TEACHING AIDS FOR A VARIETY OF SUBJECTS!

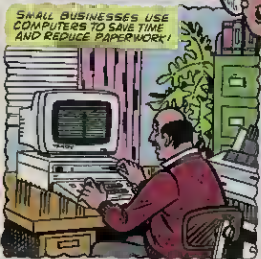
UNDERSTAND NOW, JUG?

I SURE DO, BETTY!

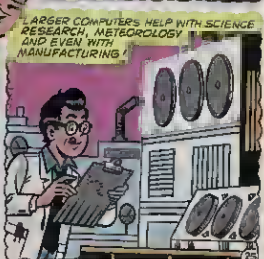
THE COMPUTER MADE IT EASY!



SMALL BUSINESSES USE COMPUTERS TO SAVE TIME AND REDUCE PAPERWORK!



LARGER COMPUTERS HELP WITH SCIENCE RESEARCH, METEOROLOGY AND EVEN WITH MANUFACTURING!



LET'S NOT FORGET
COMPUTER GAMES.
MS. GRUNDY!

RIGHT, REGGIE!

AND A PERSONAL
COMPUTER, LIKE THIS
COLOR COMPUTER 3,
CAN BE USED
TO ACCESS AN
ELECTRONIC
ENCYCLOPEDIA

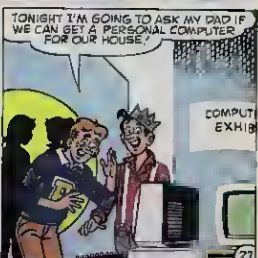
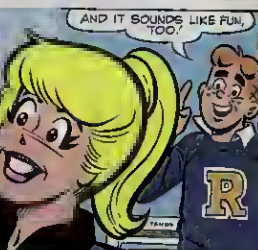
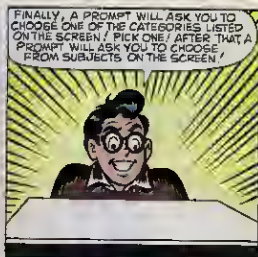
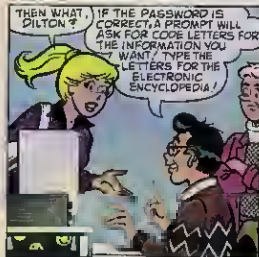
COMPUTERS LIKE THIS ARE FUN AND
EDUCATIONAL! THEY MAKE DOING
HOMEWORK EASIER!

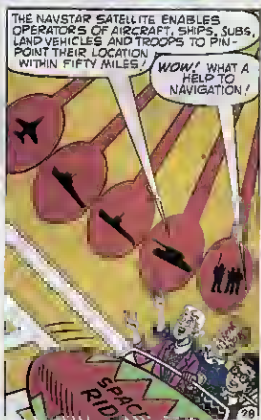
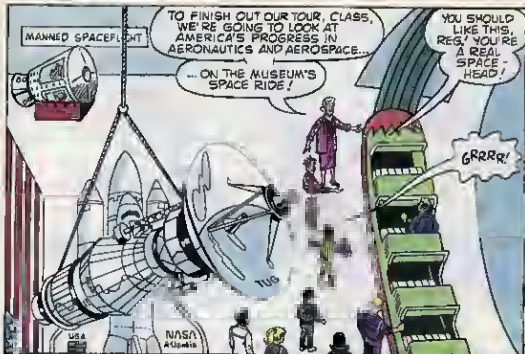
TO ACCESS AN
ELECTRONIC
ENCYCLOPEDIA, PLUG
IN THE MODEM PROGRAM
PAK AND TURN ON
THE POWER!

ONE SWITCH IS
ON THE BACK OF
THE COMPUTER! THE OTHER IS ON
THE FRONT OF
THE VIDEO
MONITOR!

NEXT DIAL THE
PHONE NUMBER
OF THE
INFORMATION
SERVICE YOU
SUBSCRIBE TO!

AFTER THAT, TYPE IN YOUR SUBSCRIPTION
ACCOUNT NUMBER! A "PROMPT" ON THE
SCREEN WILL ASK FOR YOUR "PASSWORD"!
TYPE IT ON THE
COMPUTER!





WHAT'S
THIS, MS.
GRUNDY?

THAT'S A MODEL
OF VOYAGER 1
AN UNMANNED
EXPLORER
SPACECRAFT
LAUNCHED IN
1977

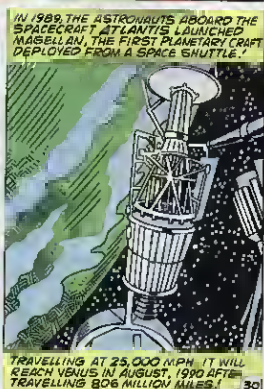
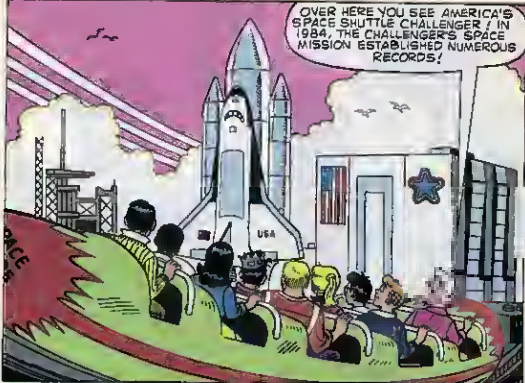
IN 1979, IT REACHED
JUPITER AND THEN
HEADED FOR SATURN!

VOYAGER 2 WAS LAUNCHED
IN 1977, PASSED THE PLANET
VENUS IN 1986, AND SENT
BACK THE FIRST CLOSE-UP
PICTURES OF THAT
DISTANT PLANET!

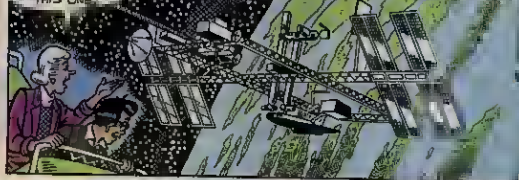
PIONEER 10, PICTURED
HERE, WAS LAUNCHED
IN MARCH OF 1972!

IN 1983, IT
SPED PAST
NEPTUNE, THE
EIGHTH PLANET
IN OUR SOLAR
SYSTEM!

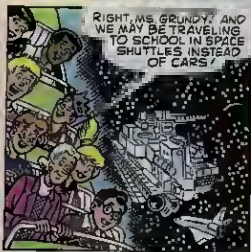
PIONEER 10
IS NOW IN
DEEP SPACE!
BUT IT'S STILL
SENDING BACK
DATA TO EARTH
ETCHED ON A
SPECIAL PLATE
ON PIONEER 10
IS A MESSAGE
ABOUT LIFE
ON OUR
PLANET!



WHO KNOWS WHAT THE FUTURE HOLDS? SOMEDAY WE MAY BE IN CLASSES ON AN ORBITING SPACE STATION LIKE THIS ONE!



RIGHT, MS. GRUNDY, AND WE MAY BE TRAVELING TO SCHOOL IN SPACE SHUTTLES INSTEAD OF CARS!



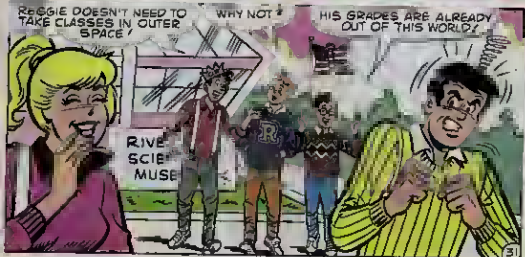
OKAY, CLASS, THAT'S THE END OF OUR TOUR! LET'S RETURN TO OUR BUS PROMPTLY!



REGGIE DOESN'T NEED TO TAKE CLASSES IN OUTER SPACE!

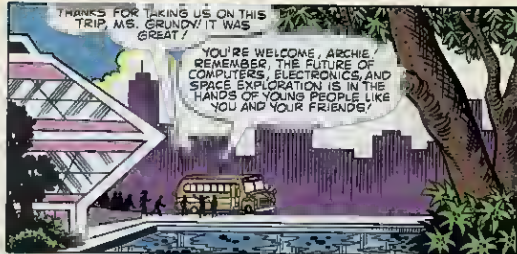
WHY NOT?

HIS GRADES ARE ALREADY OUT OF THIS WORLD!



THANKS FOR TAKING US ON THIS TRIP, MS. GRUNDY! IT WAS GREAT!

YOU'RE WELCOME, ARCHIE! REMEMBER, THE FUTURE OF COMPUTERS, ELECTRONICS, AND SPACE EXPLORATION IS IN THE HANDS OF YOUNG PEOPLE LIKE YOU AND YOUR FRIENDS!



TO ADVANCE MANKIND AND MAKE THE WORLD A BETTER PLACE, YOU HAVE TO STUDY HARD AND LEARN ALL YOU CAN!

WE WILL, MS. GRUNDY! WE KNOW THAT...



...KNOWLEDGE IS POWER AND THE FUTURE BELONGS TO US!!! RIGHT ON!



32

THE END

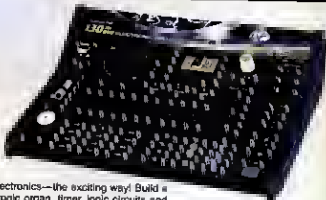
THIS COMIC IS RECYCLABLE!

LEARNING CAN BE FUN WITH THESE GREAT PROJECT KITS!

130 Project Lab Kit

- Start a Great Hobby In Electronics
- No Prior Knowledge Needed to Assemble

29⁹⁵



Everything you need to discover electronics—the exciting way! Build a radio, AM broadcast station, electronic organ, timer, logic circuits and dozens more. With built-in speaker, 7-segment LED display, two integrated circuits and rotary controls. Safe, simple coil-spring connections. Includes fully illustrated step-by-step manual. Requires 8 "AA" batteries. 28-259



60-In-1 Project Lab Kit

19⁹⁵

Teaches youngsters the basics of electricity, physics, electronics. Build a radio, metal detector, other projects. Earphone. Solderless. Requires 4 "AA" batteries. 28-261

AM and Shortwave Radio Kit

12⁹⁵

Hear BBC, Voice of America, WWV time, much more! Covers 3 bands: standard AM, 5.5-10 and 9-16 MHz shortwave. With earphone. Requires 2 "AA" cells. 28-176



Tune In the World



AM/FM Project Kit

12⁹⁵

Hear local AM and FM radio stations.

Preassembled tuner. Coil-spring assembly. Requires 2 "AA" batteries. 28-175



AM/VHF Project Kit

12⁹⁵

Perfect "First" Radio Kit

6⁹⁵

"Plays Forever"

Plays without tubes, transistors or batteries. Like the first radios, a crystal converts RF to audio. Covers 550-1600 kHz. 28-177



Listen to police, aviation and weather bands, plus the 550-1600 kHz AM band. Preassembled tuner. 108-135/148-174 MHz. Coil-spring assembly. Requires 9V battery. 28-163

Radio Shack
AMERICA'S
TECHNOLOGY
STORE™

Prices apply at participating Radio Shack stores and dealers in the continental USA. Prices are subject to change without notice.

OUR ENVIRONMENT

Who is Responsible for Keeping it Clean?

We frequently hear comments and questions regarding the environment. What effect will global warming have? Will we be able to drink our tap water in 20 years? Who is responsible for a clean environment? What will a clean environment cost?

As far as responsibility is concerned, everyone is responsible—individuals, groups and businesses. We at Tandy Corporation are vitally concerned with the protection of the environment. We continually look for methods to minimize the waste we generate, to manufacture using non-hazardous materials, to use degradable packaging, and to recycle as much material as possible.

I encourage everyone to get involved in this process, at home and at school. Concern for a healthy environment is not only good for our country, it is a sound business practice.



John V. Roach
Chief Executive Officer and
Chairman of the Board
Tandy Corporation



68-2015